

FEB 20 2007

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Attention:	MAIL STOP AF  Group Art Unit: 2817  Examiner: CHOE, Henry	Fax:	(571) 273-8300
UNITED STATES PATENT AND TRADEMARK OFFICE		Phone:	(571) 272-1760
Pages:	Cover + 2 + 2 + 1 = 6	Date:	February 20, 2007
From:	Georgann S. Grunebach	Fax:	(310) 964-0941
	Assistant General Counsel	Phone:	(310) 964-4615

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I hereby certify that this correspondence identified below is being facsimile transmitted to (571) 273-8300 (Centralized Facsimile Number), addressed to: Mail Stop AF, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on February 20, 2007.

 A handwritten signature of Georgann S. Grunebach in black ink.
   
 Georgann S. Grunebach, Reg. No. 33,179
   
 (Printed Name of Person Signing Certificate)

 February 20, 2007  
 (Date of Signature)

Telephone No. (310) 964-4615

**Attention: Commissioner for Patents**
**Attorney Docket No. PD-202131**
**ISSUE FEE DUE: FEBRUARY 21, 2007**

Please find attached Re:

Serial No.: 10/532,509

Filing Date: April 25, 2005

- SUPPLEMENTAL DISCLOSURE STATEMENT WITH FEE (2 pages in duplicate)
- SUBSTITUTE PTO FORM 1449 (1page)

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If you do not receive all pages, or pages are not clear, please call Karen Lum at (310) 964-0735.

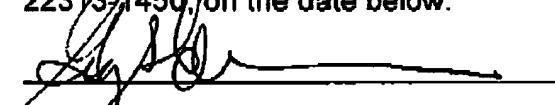
The DirecTV Group, Inc., CA/LA1/A109, P. O. Box 956, El Segundo CA 90245

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Patent  
PD-202131  
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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Ernest C. Chen et al. : I hereby certify that this correspondence is  
 Serial No.: 10/532,509 : being facsimile transmitted to (571) 273-8300  
 Filed: April 25, 2005 : (Centralized Facsimile Number) and  
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Georgann S. Grunebach  
 Group Art Unit: 2817  
 Examiner: CHOE, Henry : Typed or printed name of person signing certificate  
 Date: February 20, 2007

**SUPPLEMENTAL DISCLOSURE STATEMENT**  
**UNDER 37 C.F.R. § 1.97 (d)**  
**WITH FEE AS SET FORTH IN §1.17(p)**

Mail Stop AF  
 Commissioner for Patents  
 P. O. Box 1450  
 Alexandria, VA 22313-1450

Dear Sir:

The references cited on the enclosed form PTO/SB/08A may be relevant or material to the examination of the above-identified patent application and are, therefore, submitted in compliance with the duty of disclosure defined in 37 C.F.R. §1.56.

Reference citation numbers 1 and 2 were cited in an Office Action dated January 24, 2007 of related U.S. patent application serial number 10/691,032 filed October 22, 2003.

Reference citation numbers 3 through 9 were cited in an Office Action dated February 6, 2007 of related U.S. patent application serial number 10/532,632 filed April 25, 2005.

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Serial No. 10/532,509.....FEB 20 2007.....Page 2

This statement should be considered because it is submitted after the period specified under 37 C.F.R. §1.97(c), but filed on or before payment of the issue fee as set forth in 37 C.F.R. § 1.97(d).

Certification Under 37 C.F.R. §1.97(e)

No item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in § 1.56 (c) more than three months prior to the filing of the information disclosure statement (certification under 37 C.F.R. § 1.97 (e)(2)).

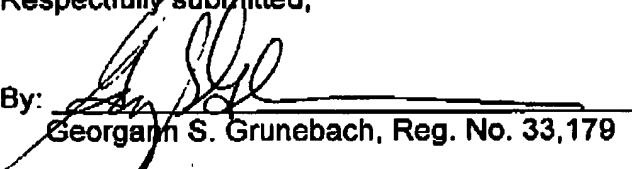
PAYMENT OF FEE SET FORTH IN §1.17(p)

Please charge Deposit Account No. 50-0383 of Hughes Electronics Corporation, El Segundo, California, in the amount of \$180.00. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to that account. This form is being submitted in duplicate.

This Information Disclosure Statement is not to be construed as a representation that a search has recently been made, that additional information material to the examination of this application does not exist, or that this citation constitutes prior art.

Respectfully submitted,

By:

  
Georgann S. Grunebach, Reg. No. 33,179

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February 20, 2007

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Substitute for form 1449/PTO		Complete if Known	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (Use as many sheets as necessary)		Application Number	10/532,509
		Filing Date	April 25, 2005
		First Named Inventor	Ernest C. Chen
		Art Unit	2817
		Examiner Name	CHOE, Henry
Date: February 20, 2007			
Sheet 1 of 1		Attorney Docket Number	PD-202131

**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No.	Document Number Number-Kind Code	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
1	US-6,522,683	02-2003	Smee et al.		
2	US-7,161,931	01-2007	Li et al.		
3	US-6,956,841	10-2005	Stahle et al.		
4	US-6,049,566	04-2000	Saunders et al.		
5	US-2002/0136327	09-2002	EI-Gamal et al.		
6	US-7,154,958	12-2006	Dabak et al.		
7	US-2003/0194022	10-2003	Hammons et al.		
8	US-2004/0146014	07-2004	Hammons et al.		
9	US-2002/0051435	05-2002	Giallorenzi et al.		

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No.	Foreign Patent Document Country Code-Number-Kind Code	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T

Examiner Signature		Date Considered
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.